**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S603 | 1 | "10570290" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/30 13:20 |
| S602 | 201 | yoshida.in. and refresh | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/30 12:18 |
| S601 | 7 | "5928635" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/30 12:17 |
| S600 | 106 | hit$3 with (map or mapped or mapping) with way and cache | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/30 10:53 |
| S599 | 130 | hit$3 with (map or mapped or mapping) with way | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/30 10:53 |
| S594 | 1 | "10570290" | US-PGPUB; USPAT | OR | ON | 2010/04/29 17:24 |
| S593 | 887 | 711/128.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 15:56 |
| S592 | 21 | 711/128.ccls. and remap$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 15:56 |

| S591 | 90 | 711/118.ccls. and remap$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 15:56 |
| S590 | 3071 | 711/118.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 15:55 |
| S589 | 14 | 711/128.ccls. and remap$5 | USPAT | OR | ON | 2010/04/29 15:46 |
| S588 | 567 | 711/128.ccls. | USPAT | OR | ON | 2010/04/29 15:46 |
| S587 | 2056 | 711/118.ccls. | USPAT | OR | ON | 2010/04/29 15:45 |
| S586 | 29 | 711/118.ccls. and remap | USPAT | OR | ON | 2010/04/29 15:45 |
| S585 | 1 | "10570290" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S584 | 52 | cache with multiple adj3 dram | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S583 | 9 | cache with dram with module with separate | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S582 | 622 | cache with dram with module | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S581 | 13 | way with separate with bank same dram | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S580 | 181 | way with separate with bank | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S579 | 1 | "10570290" | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S578 | 5 | cache with remap$4.ti. | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S577 | 268 | cache with remap$4 | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S576 | 606 | cache same remap$4 | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S575 | 560 | cache same remap$4 | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S574 | 1474 | 711/165.ccls. | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S573 | 826 | 711/3.ccls. | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |

| S572 | 22 | ("20010014931" \| "20020116576" \| "5357623" \| "5978888" \| "6058456" \| "6347358" \| "6381676" \| "6446168" \| "6457102" \| "6480941" \| "6493800").PN. OR ("6725336").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
|---|---|---|---|---|---|---|
| S571 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S570 | 1 | "10570290" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S569 | 25 | "5978888" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S568 | 0 | "11332783" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S567 | 24 | "5978888" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S566 | 1 | "10570290" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S565 | 37 | dram near2 compris$3 near2 cache | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S564 | 1 | "10585643" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S563 | 1 | "10570290" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |

| S562 | 88 | reduction adj mapping | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|---|---|---|---|---|---|---|
| S561 | 27 | ("4332010" \| "4380797" \| "4388687" \| "4400770" \| "4490782" \| "4631660" \| "4654790" \| "4680700" \| "4797814" \| "4807110" \| "4905141" \| "4989181" \| "5070502" \| "5153880" \| "5161157" \| "5179536" \| "5270975" \| "5295101" \| "5327380" \| "5471478").PN. OR ("5584002").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S560 | 8 | "5584002" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S559 | 9 | "5905997" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S558 | 13 | "6041422" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S557 | 52 | "5019971" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S556 | 10 | ("5070502" \| "5353424" \| "5450564" \| "5509135" \| "5715427" \| "6047357" \| "6115792").PN. OR ("6643738").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S555 | 61 | ("3685020" \| "3820078" \| "3848234" \| "4020466" \| "4051460" \| "4053752" \| "4144566" \| "4195342" \| "4195343" \| "4342084" \| "T932005").PN. OR ("4464717").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |

| S554 | 53 | ("3222653" \| "3311887" \| "3331058" \| "3422402" \| "3434116" \| "3633175" \| "3735368" \| "3753244" \| "4015126" \| "4250570" \| "4422161" \| "4426688" \| "4450559" \| "4523313" \| "4527251" \| "4532611" \| "4556975" \| "4584681" \| "4639897" \| "4656609" \| "4656610" \| "4744060" \| "4745582" \| "4783781" \| "4796233" \| "4817056" \| "4849938" \| "4849939" \| "4862416" \| "5195057" \| "5208782" \| "5243570" \| "5249156" \| "5297088" \| "5315551" \| "5329473" \| "5381370" \| "5416740" \| "5822779").PN. OR ("6041422").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
|---|---|---|---|---|---|---|
| S553 | 124 | ("3222653" \| "3234521" \| "3245049" \| "3311887" \| "3331058" \| "3350690" \| "3422402" \| "3432812" \| "3434116" \| "3541525").PN. OR ("3633175").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S552 | 48 | ("3222653" \| "3434116" \| "3633175" \| "3644899" \| "3665175" \| "3820078" \| "4061908" \| "4066880" \| "4255808" \| "4380066" \| "4456995" \| "4464717" \| "4575792" \| "4641310" \| "4686621" \| "4740971" \| "4831622" \| "4886673").PN. OR ("5070502").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S551 | 12 | (set?associative or set adj associative) same (remap$4) | USPAT | OR | OFF | 2010/04/29 12:55 |

| S550 | 255 | (set?associative or set adj associative) and (remap$4) | USPAT | OR | OFF | 2010/04/29 12:55 |
|------|-----|---------------------------------------------------------|-------|-----|-----|---------|
| S549 | 66 | remap$4 near6 bank | USPAT | OR | OFF | 2010/04/29 12:55 |
| S548 | 349 | "5602987" | USPAT | OR | OFF | 2010/04/29 12:55 |
| S547 | 535 | "5602987" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S546 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S545 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S544 | 73 | parallel near ( (lookup or look?up or look adj up) adj table) and series | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S543 | 165 | parallel near ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S542 | 4546 | parallel same ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S541 | 54827 | parallel and ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S540 | 113 | reduction near mapping | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S539 | 19 | "5497347" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S538 | 54 | "5019971" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S537 | 54 | "5019971" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S536 | 3071 | 711/118.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S535 | 17 | reduction adj mapping and cach$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|----|--------------------------------|------------------------------------------------------------|----|----|-------------------|
| S534 | 4 | "6425065" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S533 | 0 | ((tag?RAM) or (tagram)) with (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S532 | 38 | (tag?RAM) or (tagram) with (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S531 | 41 | (tag?RAM) or (tagram) same (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S530 | 53 | (tag?RAM) or (tagram) and (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S529 | 2 | "20070005897" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S528 | 2 | "20060245728" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S527 | 0 | "20060245728" | USPAT | OR | ON | 2010/04/29 12:55 |
| S526 | 8 | ("4051354" \| "4648075" \| "5058070" \| "5379258" \| "5644699" \| "5764878" \| "5781717" \| "6141768").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |

| S525 | 35 | ("6408401").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
|------|-----|-------------------|-------|-----|-----|------------------|
| S524 | 404 | parallel with critical adj path | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S523 | 102 | (tag?RAM) or (tagram) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S522 | 6 | ("6671822").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S521 | 25 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |
| S520 | 686 | 714/8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S519 | 18 | "5958068" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S518 | 11 | "6671822" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S517 | 22 | "5666482" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S516 | 135 | ("4905141").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S515 | 59 | brenza and james | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S514 | 809627 | brenza james | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S513 | 185 | interleaved adj memory adj systems | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S512 | 270 | (cache with remap$4) not (S508 or S509 or S510 or S511) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S511 | 54 | ("5179536").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S510 | 20 | "4332010" | "4380797" | "4388687" | "4400770" | "4490782" | "4631660" | "4654790" | "4680700" | "4797814" | "4807110" | "4905141" | "4989181" | "5070502" | "5153880" | "5161157" | "5179536" | "5270975" | "5295101" | "5327380" | "5471478".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |
| S509 | 7 | ("5584002").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |

| S508 | 29 | cache adj remap$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S507 | 18 | S506 and dram | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/04/29 12:55 |
| S506 | 49 | (US-20040024967-$ or US-20050097393-$ or US-20020199130-$ or US-20060168390-$). did. or (US-4905141-$ or US-5584002-$ or US-6671822-$ or US-5070502-$ or US-5146571-$ or US-5958068-$ or US-5553263-$ or US-5724547-$ or US-6918071-$ or US-6785701-$ or US-6260156-$ or US-6351797-$ or US-5666482-$ or US-5862314-$ or US-6408401-$ or US-5781717-$ or US-5179536-$ or US-6516462-$ or US-5835930-$ or US-5210845-$ or US-6199177-$ or US-5019971-$ or US-5471320-$ or US-4868869-$ or US-5166783-$ or US-5602987-$). did. or (US-3633175-$ or US-4342079-$ or US-4380066-$ or US-4450559-$ or US-4922451-$ or US-5936971-$ or US-4527251-$ or US-4464717-$ or US-5905997-$ or US-6560676-$ or US-4740971-$ or US-5551004-$ or US-6289438-$ or US-6643738-$ or US-6754791-$ or US-5829026-$ or US- | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/04/29 12:55 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 6725336-$ or US-5978888-$).did. or (US-6425065-$).did. | | | | |
| S505 | 22 | ("20010014931" \| "20020116576" \| "5357623" \| "5978888" \| "6058456" \| "6347358" \| "6381676" \| "6446168" \| "6457102" \| "6480941" \| "6493800").PN. OR ("6725336").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S504 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S503 | 1 | "10570290" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S502 | 25 | "5978888" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S501 | 0 | "11332783" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S500 | 24 | "5978888" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S499 | 1 | "10570290" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S498 | 37 | dram near2 compris$3 near2 cache | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S497 | 1 | "10585643" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |

| S496 | 1 | "10570290" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
|---|---|---|---|---|---|---|
| S495 | 88 | reduction adj mapping | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S494 | 27 | ("4332010" \| "4380797" \| "4388687" \| "4400770" \| "4490782" \| "4631660" \| "4654790" \| "4680700" \| "4797814" \| "4807110" \| "4905141" \| "4989181" \| "5070502" \| "5153880" \| "5161157" \| "5179536" \| "5270975" \| "5295101" \| "5327380" \| "5471478").PN. OR ("5584002").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S493 | 8 | "5584002" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S492 | 9 | "5905997" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S491 | 13 | "6041422" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S490 | 52 | "5019971" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S489 | 10 | ("5070502" \| "5353424" \| "5450564" \| "5509135" \| "5715427" \| "6047357" \| "6115792").PN. OR ("6643738").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S488 | 61 | ("3685020" \| "3820078" \| "3848234" \| "4020466" \| "4051460" \| "4053752" \| "4144566" \| "4195342" \| "4195343" \| "4342084" \| "T932005").PN. OR ("4464717").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |

| S487 | 53 | ("3222653" \| "3311887" \| "3331058" \| "3422402" \| "3434116" \| "3633175" \| "3735368" \| "3753244" \| "4015126" \| "4250570" \| "4422161" \| "4426688" \| "4450559" \| "4523313" \| "4527251" \| "4532611" \| "4556975" \| "4584681" \| "4639897" \| "4656609" \| "4656610" \| "4744060" \| "4745582" \| "4783781" \| "4796233" \| "4817056" \| "4849938" \| "4849939" \| "4862416" \| "5195057" \| "5208782" \| "5243570" \| "5249156" \| "5297088" \| "5315551" \| "5329473" \| "5381370" \| "5416740" \| "5822779").PN. OR ("6041422").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
|------|-----|---|---|---|---|---|
| S486 | 124 | ("3222653" \| "3234521" \| "3245049" \| "3311887" \| "3331058" \| "3350690" \| "3422402" \| "3432812" \| "3434116" \| "3541525").PN. OR ("3633175").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S485 | 48 | ("3222653" \| "3434116" \| "3633175" \| "3644899" \| "3665175" \| "3820078" \| "4061908" \| "4066880" \| "4255808" \| "4380066" \| "4456995" \| "4464717" \| "4575792" \| "4641310" \| "4686621" \| "4740971" \| "4831622" \| "4886673").PN. OR ("5070502").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S484 | 12 | (set?associative or set adj associative) same (remap$4) | USPAT | OR | OFF | 2010/04/29 12:55 |

| S483 | 255 | (set?associative or set adj associative) and (remap$4) | USPAT | OR | OFF | 2010/04/29 12:55 |
|---|---|---|---|---|---|---|
| S482 | 66 | remap$4 near6 bank | USPAT | OR | OFF | 2010/04/29 12:55 |
| S481 | 349 | "5602987" | USPAT | OR | OFF | 2010/04/29 12:55 |
| S480 | 535 | "5602987" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S479 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S478 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S477 | 73 | parallel near ( (lookup or look?up or look adj up) adj table) and series | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S476 | 165 | parallel near ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|------|-----|-----|-----|-----|-----|
| S475 | 4546 | parallel same ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S474 | 54827 | parallel and ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S473 | 113 | reduction near mapping | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S472 | 19 | "5497347" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S471 | 54 | "5019971" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S470 | 54 | "5019971" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S469 | 3071 | 711/118.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S468 | 17 | reduction adj mapping and cach$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|----|--------------------------------|----------------------------------------------------------|----|----|-------------------|
| S467 | 4 | "6425065" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S466 | 0 | ((tag?RAM) or (tagram)) with (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S465 | 38 | (tag?RAM) or (tagram) with (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S464 | 41 | (tag?RAM) or (tagram) same (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S463 | 53 | (tag?RAM) or (tagram) and (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S462 | 2 | "20070005897" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S461 | 2 | "20060245728" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S460 | 0 | "20060245728" | USPAT | OR | ON | 2010/04/29 12:55 |
| S459 | 8 | ("4051354" | "4648075" | "5058070" | "5379258" | "5644699" | "5764878" | "5781717" | "6141768").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |

| S458 | 35 | ("6408401").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
|------|-----|------|------|------|------|------|
| S457 | 404 | parallel with critical adj path | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S456 | 102 | (tag?RAM) or (tagram) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S455 | 6 | ("6671822").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S454 | 25 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |
| S453 | 686 | 714/8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S452 | 18 | "5958068" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S451 | 11 | "6671822" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S450 | 22 | "5666482" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S449 | 135 | ("4905141").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S448 | 59 | brenza and james | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S447 | 809627 | brenza james | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S446 | 185 | interleaved adj memory adj systems | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S445 | 270 | (cache with remap$4) not (S441 or S442 or S443 or S444) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S444 | 54 | ("5179536").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S443 | 20 | ("4332010" \| "4380797" \| "4388687" \| "4400770" \| "4490782" \| "4631660" \| "4654790" \| "4680700" \| "4797814" \| "4807110" \| "4905141" \| "4989181" \| "5070502" \| "5153880" \| "5161157" \| "5179536" \| "5270975" \| "5295101" \| "5327380" \| "5471478").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |
| S442 | 7 | ("5584002").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |

| S441 | 29 | cache adj remap$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|-----|-------------------|------|----|----|-----------|
| S440 | 3 | smartcache.ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S439 | 79 | smartcache | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S438 | 85 | concurrent adj access with cache and multi? processor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S437 | 0 | concurrent adj access with cache with multi? processor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S436 | 1 | "10570290" | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S435 | 5 | cache with remap$4.ti. | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S434 | 268 | cache with remap$4 | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S433 | 606 | cache same remap$4 | US-PGPUB; USPAT | OR | ON | 2010/04/29 12:55 |
| S432 | 560 | cache same remap$4 | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S431 | 1474 | 711/165.ccls. | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S430 | 826 | 711/3.ccls. | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |

| S429 | 22 | ("20010014931" \| "20020116576" \| "5357623" \| "5978888" \| "6058456" \| "6347358" \| "6381676" \| "6446168" \| "6457102" \| "6480941" \| "6493800").PN. OR ("6725336").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
|------|------|------|------|------|------|------|
| S428 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S427 | 1 | "10570290" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S426 | 25 | "5978888" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S425 | 0 | "11332783" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S424 | 24 | "5978888" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S423 | 1 | "10570290" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S422 | 37 | dram near2 compris$3 near2 cache | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S421 | 1 | "10585643" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S420 | 1 | "10570290" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |

| S419 | 88 | reduction adj mapping | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|----|-----------------------|--------------------------------------|-----|-----|------------------|
| S418 | 27 | ("4332010" \| "4380797" \| "4388687" \| "4400770" \| "4490782" \| "4631660" \| "4654790" \| "4680700" \| "4797814" \| "4807110" \| "4905141" \| "4989181" \| "5070502" \| "5153880" \| "5161157" \| "5179536" \| "5270975" \| "5295101" \| "5327380" \| "5471478").PN. OR ("5584002").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S417 | 8 | "5584002" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S416 | 9 | "5905997" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S415 | 13 | "6041422" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S414 | 52 | "5019971" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S413 | 10 | ("5070502" \| "5353424" \| "5450564" \| "5509135" \| "5715427" \| "6047357" \| "6115792").PN. OR ("6643738").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S412 | 61 | ("3685020" \| "3820078" \| "3848234" \| "4020466" \| "4051460" \| "4053752" \| "4144566" \| "4195342" \| "4195343" \| "4342084" \| "T932005").PN. OR ("4464717").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |

| S411 | 53 | ("3222653" \| "3311887" \| "3331058" \| "3422402" \| "3434116" \| "3633175" \| "3735368" \| "3753244" \| "4015126" \| "4250570" \| "4422161" \| "4426688" \| "4450559" \| "4523313" \| "4527251" \| "4532611" \| "4556975" \| "4584681" \| "4639897" \| "4656609" \| "4656610" \| "4744060" \| "4745582" \| "4783781" \| "4796233" \| "4817056" \| "4849938" \| "4849939" \| "4862416" \| "5195057" \| "5208782" \| "5243570" \| "5249156" \| "5297088" \| "5315551" \| "5329473" \| "5381370" \| "5416740" \| "5822779").PN. OR ("6041422").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S410 | 124 | ("3222653" \| "3234521" \| "3245049" \| "3311887" \| "3331058" \| "3350690" \| "3422402" \| "3432812" \| "3434116" \| "3541525").PN. OR ("3633175").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S409 | 48 | ("3222653" \| "3434116" \| "3633175" \| "3644899" \| "3665175" \| "3820078" \| "4061908" \| "4066880" \| "4255808" \| "4380066" \| "4456995" \| "4464717" \| "4575792" \| "4641310" \| "4686621" \| "4740971" \| "4831622" \| "4886673").PN. OR ("5070502").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S408 | 12 | (set?associative or set adj associative) same (remap$4) | USPAT | OR | OFF | 2010/04/29 12:55 |

| S407 | 255 | (set?associative or set adj associative) and (remap$4) | USPAT | OR | OFF | 2010/04/29 12:55 |
|------|-----|--------------------------------------------------------|-------|-----|-----|-------------------|
| S406 | 66 | remap$4 near6 bank | USPAT | OR | OFF | 2010/04/29 12:55 |
| S405 | 349 | "5602987" | USPAT | OR | OFF | 2010/04/29 12:55 |
| S404 | 535 | "5602987" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S403 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S402 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S401 | 73 | parallel near ( (lookup or look?up or look adj up) adj table) and series | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S400 | 165 | parallel near ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|-----|----------------------------------------------------------------|--------------------------------------------------------------|----|----|-------------------|
| S399 | 4546 | parallel same ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S398 | 54827 | parallel and ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S397 | 113 | reduction near mapping | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S396 | 19 | "5497347" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S395 | 54 | "5019971" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S394 | 54 | "5019971" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S393 | 3071 | 711/118.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S392 | 17 | reduction adj mapping and cach$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|----|----|----|----|----|----|
| S391 | 4 | "6425065" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S390 | 0 | ((tag?RAM) or (tagram)) with (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S389 | 38 | (tag?RAM) or (tagram) with (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S388 | 41 | (tag?RAM) or (tagram) same (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S387 | 53 | (tag?RAM) or (tagram) and (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S386 | 2 | "20070005897" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S385 | 2 | "20060245728" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S384 | 0 | "20060245728" | USPAT | OR | ON | 2010/04/29 12:55 |
| S383 | 8 | ("4051354" | "4648075" | "5058070" | "5379258" | "5644699" | "5764878" | "5781717" | "6141768").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |

| S382 | 35 | ("6408401").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
|------|-----|-------------------|-------|-----|-----|------------------|
| S381 | 404 | parallel with critical adj path | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S380 | 102 | (tag?RAM) or (tagram) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S379 | 6 | ("6671822").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S378 | 25 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |
| S377 | 686 | 714/8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S376 | 18 | "5958068" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S375 | 11 | "6671822" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S374 | 22 | "5666482" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|------|-----------|------|------|------|------|
| S373 | 135 | ("4905141").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S372 | 59 | brenza and james | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S371 | 809627 | brenza james | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S370 | 185 | interleaved adj memory adj systems | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S369 | 270 | (cache with remap$4) not (S365 or S366 or S367 or S368) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S368 | 54 | ("5179536").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S367 | 20 | ("4332010" \| "4380797" \| "4388687" \| "4400770" \| "4490782" \| "4631660" \| "4654790" \| "4680700" \| "4797814" \| "4807110" \| "4905141" \| "4989181" \| "5070502" \| "5153880" \| "5161157" \| "5179536" \| "5270975" \| "5295101" \| "5327380" \| "5471478").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |
| S366 | 7 | ("5584002").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |

| S365 | 29 | cache adj remap$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|----|----|----|----|----|----|
| S364 | 18 | S363 and dram | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/04/29 12:55 |
| S363 | 49 | (US-20040024967-$ or US-20050097393-$ or US-20020199130-$ or US-20060168390-$). did. or (US-4905141-$ or US-5584002-$ or US-6671822-$ or US-5070502-$ or US-5146571-$ or US-5958068-$ or US-5553263-$ or US-5724547-$ or US-6918071-$ or US-6785701-$ or US-6260156-$ or US-6351797-$ or US-5666482-$ or US-5862314-$ or US-6408401-$ or US-5781717-$ or US-5179536-$ or US-6516462-$ or US-5835930-$ or US-5210845-$ or US-6199177-$ or US-5019971-$ or US-5471320-$ or US-4868869-$ or US-5166783-$ or US-5602987-$).did. or (US-3633175-$ or US-4342079-$ or US-4380066-$ or US-4450559-$ or US-4922451-$ or US-5936971-$ or US-4527251-$ or US-4464717-$ or US-5905997-$ or US-6560676-$ or US-4740971-$ or US-5551004-$ or US-6289438-$ or US-6643738-$ or US-6754791-$ or US-5829026-$ or US- | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/04/29 12:55 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 6725336-$ or US-5978888-$).did. or (US-6425065-$).did. | | | | |
| S362 | 22 | ("20010014931" \| "20020116576" \| "5357623" \| "5978888" \| "6058456" \| "6347358" \| "6381676" \| "6446168" \| "6457102" \| "6480941" \| "6493800").PN. OR ("6725336").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S361 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797" \| "6671822").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S360 | 1 | "10570290" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S359 | 25 | "5978888" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S358 | 0 | "11332783" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S357 | 24 | "5978888" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S356 | 1 | "10570290" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S355 | 37 | dram near2 compris$3 near2 cache | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
| S354 | 1 | "10585643" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |

| S353 | 1 | "10570290" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:55 |
|---|---|---|---|---|---|---|
| S352 | 88 | reduction adj mapping | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S351 | 27 | ("4332010" \| "4380797" \| "4388687" \| "4400770" \| "4490782" \| "4631660" \| "4654790" \| "4680700" \| "4797814" \| "4807110" \| "4905141" \| "4989181" \| "5070502" \| "5153880" \| "5161157" \| "5179536" \| "5270975" \| "5295101" \| "5327380" \| "5471478").PN. OR ("5584002").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S350 | 8 | "5584002" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S349 | 9 | "5905997" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S348 | 13 | "6041422" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S347 | 52 | "5019971" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S346 | 10 | ("5070502" \| "5353424" \| "5450564" \| "5509135" \| "5715427" \| "6047357" \| "6115792").PN. OR ("6643738").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S345 | 61 | ("3685020" \| "3820078" \| "3848234" \| "4020466" \| "4051460" \| "4053752" \| "4144566" \| "4195342" \| "4195343" \| "4342084" \| "T932005").PN. OR ("4464717").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |

| S344 | 53 | ("3222653" \| "3311887" \| "3331058" \| "3422402" \| "3434116" \| "3633175" \| "3735368" \| "3753244" \| "4015126" \| "4250570" \| "4422161" \| "4426688" \| "4450559" \| "4523313" \| "4527251" \| "4532611" \| "4556975" \| "4584681" \| "4639897" \| "4656609" \| "4656610" \| "4744060" \| "4745582" \| "4783781" \| "4796233" \| "4817056" \| "4849938" \| "4849939" \| "4862416" \| "5195057" \| "5208782" \| "5243570" \| "5249156" \| "5297088" \| "5315551" \| "5329473" \| "5381370" \| "5416740" \| "5822779").PN. OR ("6041422").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
|---|---|---|---|---|---|---|
| S343 | 124 | ("3222653" \| "3234521" \| "3245049" \| "3311887" \| "3331058" \| "3350690" \| "3422402" \| "3432812" \| "3434116" \| "3541525").PN. OR ("3633175").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S342 | 48 | ("3222653" \| "3434116" \| "3633175" \| "3644899" \| "3665175" \| "3820078" \| "4061908" \| "4066880" \| "4255808" \| "4380066" \| "4456995" \| "4464717" \| "4575792" \| "4641310" \| "4686621" \| "4740971" \| "4831622" \| "4886673").PN. OR ("5070502").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S341 | 12 | (set?associative or set adj associative) same (remap$4) | USPAT | OR | OFF | 2010/04/29 12:55 |

| S340 | 255 | (set?associative or set adj associative) and (remap$4) | USPAT | OR | OFF | 2010/04/29 12:55 |
|------|-----|------|------|-----|-----|------|
| S339 | 66 | remap$4 near6 bank | USPAT | OR | OFF | 2010/04/29 12:55 |
| S338 | 349 | "5602987" | USPAT | OR | OFF | 2010/04/29 12:55 |
| S337 | 535 | "5602987" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S336 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S335 | 31 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. OR ("6671822").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/29 12:55 |
| S334 | 73 | parallel near ( (lookup or look?up or look adj up) adj table) and series | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S333 | 165 | parallel near ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S332 | 4546 | parallel same ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S331 | 54827 | parallel and ( (lookup or look?up or look adj up) adj table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S330 | 113 | reduction near mapping | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S329 | 19 | "5497347" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S328 | 54 | "5019971" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S327 | 54 | "5019971" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S326 | 3071 | 711/118.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S325 | 17 | reduction adj mapping and cach$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|----|----|----|----|----|----|
| S324 | 4 | "6425065" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S323 | 0 | ((tag?RAM) or (tagram)) with (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S322 | 38 | (tag?RAM) or (tagram) with (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S321 | 41 | (tag?RAM) or (tagram) same (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S320 | 53 | (tag?RAM) or (tagram) and (well?known or well adj known) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S319 | 2 | "20070005897" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S318 | 2 | "20060245728" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S317 | 0 | "20060245728" | USPAT | OR | ON | 2010/04/29 12:55 |
| S316 | 8 | ("4051354" \| "4648075" \| "5058070" \| "5379258" \| "5644699" \| "5764878" \| "5781717" \| "6141768").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |

| S315 | 35 | ("6408401").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
|------|-----|-------------------|-------|----|----|----|
| S314 | 404 | parallel with critical adj path | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S313 | 102 | (tag?RAM) or (tagram) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S312 | 6 | ("6671822").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S311 | 25 | ("5070502" \| "5261066" \| "5317718" \| "5666482" \| "5758183" \| "5761729" \| "5787480" \| "5802585" \| "5809450" \| "5875151" \| "5890201" \| "5893931" \| "5918250" \| "5918251" \| "5923872" \| "5950228" \| "5953745" \| "5958068" \| "5964867" \| "5983325" \| "6000044" \| "6055204" \| "6070227" \| "6085300" \| "6351797").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |
| S310 | 686 | 714/8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S309 | 18 | "5958068" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S308 | 11 | "6671822" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |

| S307 | 22 | "5666482" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
|------|-----|-----------|------|----|----|-----------|
| S306 | 135 | ("4905141").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S305 | 59 | brenza and james | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S304 | 809627 | brenza james | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S303 | 185 | interleaved adj memory adj systems | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S302 | 270 | (cache with remap$4) not (S298 or S299 or S300 or S301) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S301 | 54 | ("5179536").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |
| S300 | 20 | ("4332010" \| "4380797" \| "4388687" \| "4400770" \| "4490782" \| "4631660" \| "4654790" \| "4680700" \| "4797814" \| "4807110" \| "4905141" \| "4989181" \| "5070502" \| "5153880" \| "5161157" \| "5179536" \| "5270975" \| "5295101" \| "5327380" \| "5471478").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/29 12:55 |
| S299 | 7 | ("5584002").URPN. | USPAT | OR | ON | 2010/04/29 12:55 |

| S298 | 29 | cache adj remap$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 12:55 |
| S297 | 10 | "6671822" | US-PGPUB; USPAT | OR | OFF | 2010/04/29 12:17 |
| S296 | 1 | "10570290" | US-PGPUB; USPAT | OR | OFF | 2010/04/28 17:18 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S598 | 0 | "10570290" | USPAT; UPAD | OR | ON | 2010/04/29 17:24 |
| S597 | 12 | (711/3 711/118 711/128 711/165 714/8).ccls. and ((cache or caching) and remap$3).clm. | USPAT; UPAD | OR | ON | 2010/04/29 16:11 |
| S596 | 3 | (711/3 711/118 711/128 711/165 714/8).ccls. and (bank and remap).clm. | USPAT; UPAD | OR | ON | 2010/04/29 16:08 |
| S595 | 8 | (711/3 711/118 711/128 711/165 714/8).ccls. and ((cache or caching) and remap).clm. | USPAT; UPAD | OR | ON | 2010/04/29 15:58 |

**4/30/2010 3:57:03 PM**